

DRUG DELIVERY SYSTEM FOR IMPLANTABLE MEDICAL DEVICE

Abstract

5 A drug delivery system and method in which an implantable medical device
communicates with and controls an external drug delivery device with low energy
potential signals. The implantable device generates potential signals modulated with
digitally encoded command information by operating a current source to cause
corresponding electrical potentials that can be sensed at the skin surface by the external
10 drug delivery device. The drug delivery device then demodulates the sensed potentials
and decodes the digital data to extract command information therefrom to deliver a drug
accordingly.

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